

Y8

Week 1 (number knowledge and geometry)

This week we focus on multiplication and division basic facts, and designing figures using reflection (flips), rotation (turns), translation (slides) and enlargement.

WEEKLY PLANNER

DAY 1

Number facts activity


- Go to the activity [Multiplication – test yourself](#) and follow the instructions for the variation. Make a pile of facts you don't yet know.

OR

Number facts e-ako

- Go to the number facts pathway in e-ako maths.
- Choose the multiplication and division learning tool.
- Click “Check all facts” and answer the questions.

Geometry e-ako

- Go to the geometry pathway in e-ako maths.
- Choose e-ako G4.10 (1st yellow button, 4th row).
- Work through pages 1–6.
- Discuss the symmetry of [kōwhaiwhai](#) patterns. 

Geometry activity

- Go to the rich task [Christchurch 74](#) and follow the instructions.

DAY 2

Number facts activity

- Select 2–3 new multiplication facts in your learning pile to practice today.
- Ask a family member to test you.
- Go to the activity [Common Multiple Challenge](#) and follow the instructions.

OR

Number facts e-ako

- If you have facts to learn spend some time learning them.
- Go to the number facts pathway in e-ako maths and play the “Number Facts” game “All Numbers” a few times.
- If you have no facts to learn, go to the number facts pathway and play the “Hundredths Frame” game “Making 1” a few times.

Geometry activity

- Go to the activity [Kōwhaiwhai](#), and follow the instructions.

Geometry e-ako

- Go back to e-ako G4.10 on the geometry pathway.
- Work through pages 11–14.

DAY 3

Number facts activity

- Go to the activity [Division – test yourself](#) and follow the instructions for the variation.
- Add the facts you don't yet know to your learning pile.

OR


Number facts e-ako

- If you have facts to learn spend some time learning them.
- If you have no facts to learn, go to the number facts pathway and try to beat your score on the “Hundredths Frame” game “Making 1” a few times.

Geometry e-ako

- Go back to module G4.10 on the geometry pathway.
- Work through pages 15–20.

Geometry activity

- Go to the activity [I spy Symmetry](#).
- Look at Activity Two (page 23). Complete Questions 1 and 2. 
- Discuss with a family member how you found the repeating element in each pattern.

DAY 4

Number facts activity

- Select 2–3 new multiplication or division facts in your learning pile to practice today.
- Ask a family member to test you.
- Go to the activity [Common Factor Challenge](#) and follow the instructions.

OR

Number facts e-ako

- If you have facts to learn spend some time learning them.
- If you have no facts to learn, go to the number facts pathway.
- Play the “Fraction Pairs” game “Fractions to make 1”, “Fractions to make 2”, or “Improper Fractions to make 2” a few times.

Geometry e-ako

- Go back to module G4.10 on the geometry pathway.
- Work through pages 21–28.

Geometry activity

- Go to the rich task [Reptiles](#) and complete the task.
- What transformations did you use to arrange the four shapes?

DAY 5

Number facts activity


- Play either [Common Multiple Challenge](#) or [Common Factor Challenge](#) again.
- Go to the activity [Match Multiplication and Division Facts](#) and complete it.

OR

Number facts e-ako

- If you have facts to learn go back to the multiplication and division learning tool and “Check all facts” again.
- If you have no facts to learn, go to the number facts pathway and play one or more of the fraction games from Day 4 again.

Geometry activity

- Go to the activity [Growing in Water](#) and complete the task.
- Go to the activity [Escher Envy](#). Create your own Escher tessellation.
- Discuss with a family member how transformations are used to make tessellations. 

 independent

 supported

 interaction